Attorney Docket No. 83587

A HIGH STRENGTH PART

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT ROBERT V. KIERONSKI, citizen of the United States of America, employee of the United States Government and resident of Newport, County of Newport, State of Rhode Island has invented certain new and useful improvements entitled as set forth above of which the following is a specification:

PRITHVI C. LALL, ESQ.
Reg. No. 26192
Naval Undersea Warfare Center
Division, Newport
Newport, Rhode Island 02841-1708
TEL: 401-832-4736
FAX: 401-832-1231

Page 1, starting at 1, replace specification as follows:

Attorney Docket No. 83587

A HIGH STRENGTH PART

STATEMENT OF GOVERNMENT INTEREST

The invention described herein may be manufactured and used by or for the Government of the United States of America for Governmental purposes without the payment of any royalties thereon or therefor.

CROSS REFERENCE TO OTHER PATENT APPLICATIONS

This application is a division of patent application Serial number 09/413,052, filed 4 October 1999.

BACKGROUND OF THE INVENTION

(1) Field of the Invention

The present invention relates generally to manufactured parts, and more particularly to ahigh-strength machine part having exterior surfaces that are precision manufactured using a stereolithographic method/apparatus while having an interior core made from a high-strength material.

Page 16, starting at line 1, replace specification as follows:

Attorney Docket No. 83587

A HIGH STRENGTH PART

ABSTRACT OF THE DISCLOSURE

High-strength parts are produced by first performing a stereolithography part generation process to create a polymer part having opposing interior surfaces. An uncured strength material is interposed between the opposing interior surfaces of the polymer part. The polymer part with the uncured strength material is then heated. The strength material is chosen to bond to the opposing interior surfaces during the heating step.

A3

IN THE CLAIMS

Cancel claims 1-6, without prejudice.

MARKED UP VERSION

IN THE SPECIFICATION

Title Page, starting at line 1, the specification has been amended as follows:

Attorney Docket No. [76315] 83587

[HIGH STRENGTH PARTS FORMED USING STEREOLITHOGRAPHY]

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